

TIMBER

- Economic contribution
- Suitability of lands for timber harvest
- Calculating harvest levels

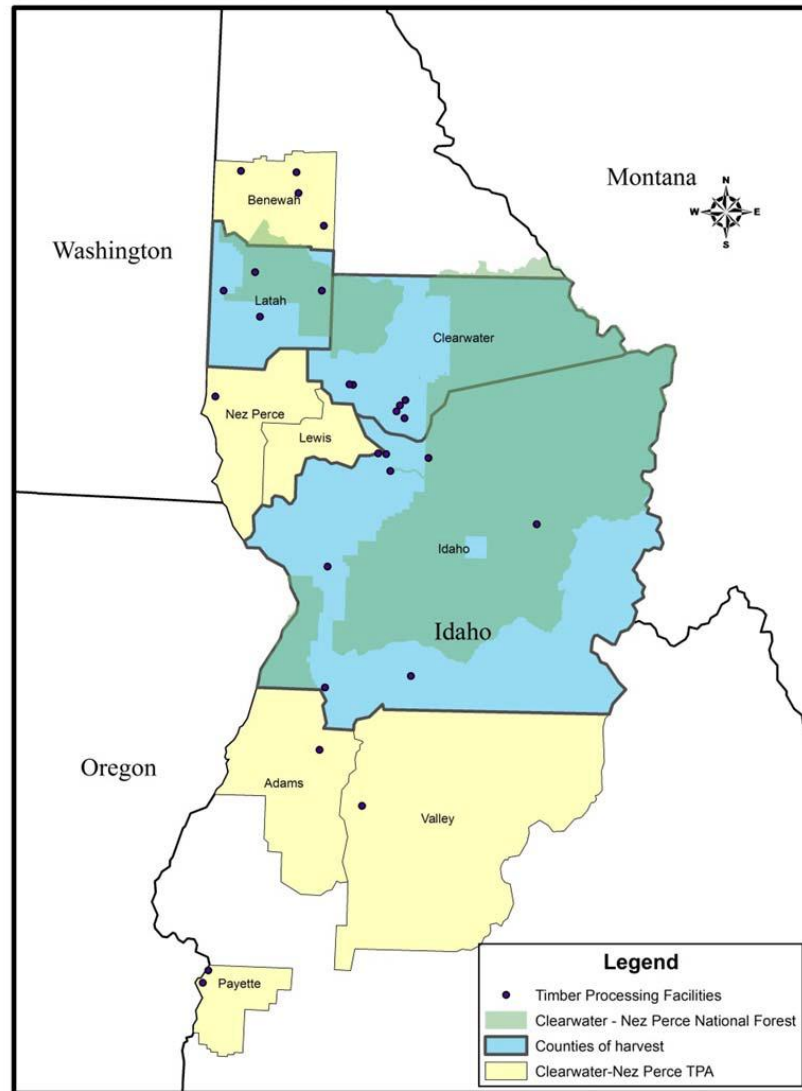
Economic Contribution

- National Forest land is found in three counties
 - Clearwater, Idaho, and Latah
- In 2011 – those lands contributed 16% of the total volume cut in the three counties
- Lumber mills – 91%
- Pulp mills – 7%
- Miscellaneous products - <2%

Timber Processing Area

- In 2011 – 31 processing facilities
- 16 sawmills
- 5 cedar products manufacturers
- 7 log home manufacturers
- 1 post and small pole plant
- 1 plywood plant
- 1 utility pole plant
- 1 furniture manufacturer

Figure 1. Clearwater and Nez Perce National Forest Timber Processing Area



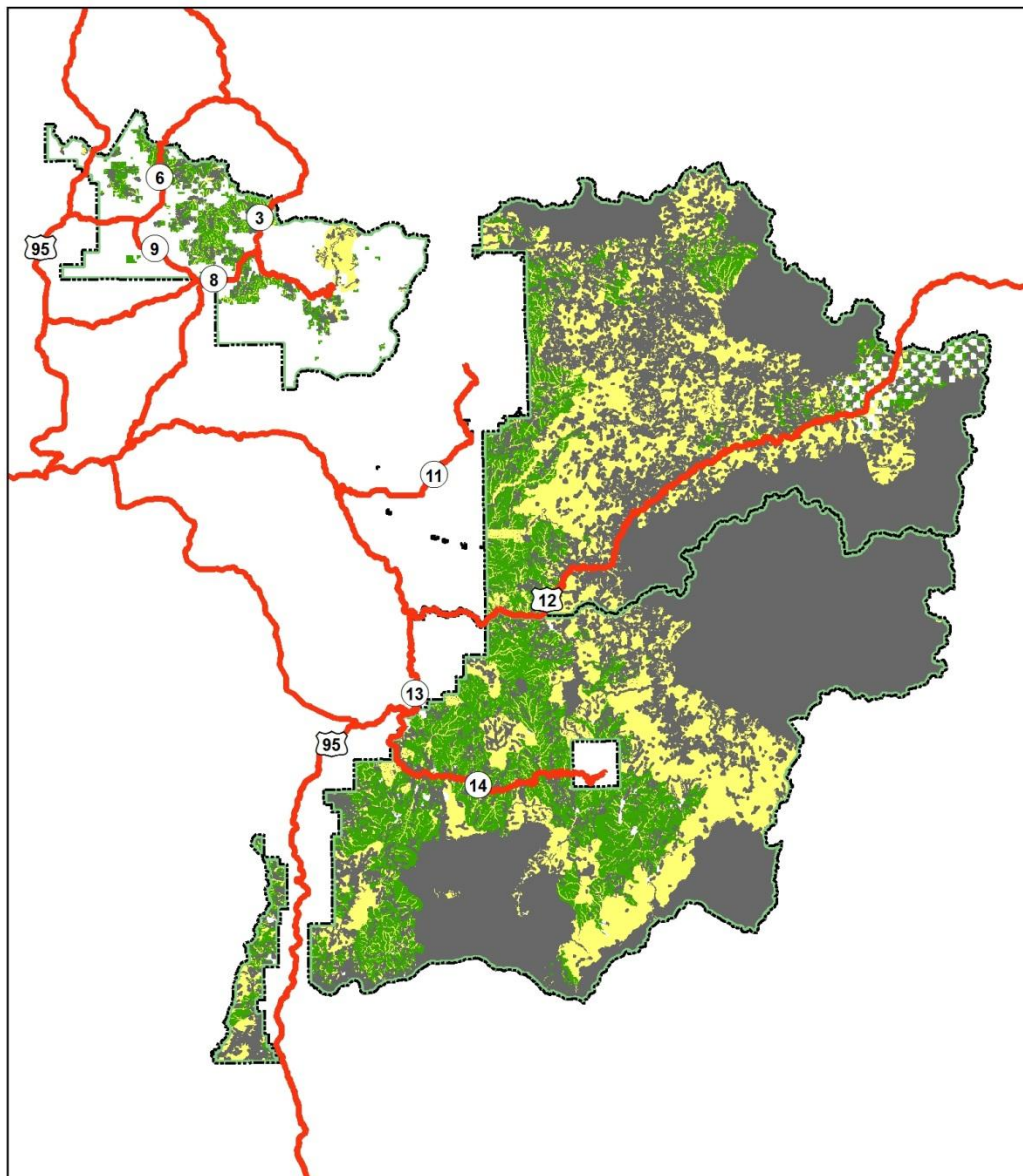
Map created by Chelsea P. Melver, Bureau of Business and Economic Research.
Data courtesy of ESRI, Inc.; Montana Natural Resource Information System (NRIS); Bureau of Business and Economic Research.
Created August 8, 2012.

Timber Harvest History




- Harvest at highest historic levels in 1989 (Nez Perce) at 100 mmbf, and in 1990 (Clearwater) at 148 mmbf.
- Shortly thereafter, harvest levels plummeted due to several factors.
- Nez Perce, 2004 – 4.8 mmbf 2011 – 15.6
- Clearwater, 2002 – 5.9 mmbf 2011 – 35.9

Suitability of Lands

Category	Acres
• Total National Forest Land Base	3,940,058
• Legally unavailable or technically unavailable	1,852,485
• Unsited for timber production due to other requirements (harvest still allowed)	1,277,480
• Suitable lands	810,093



Nez Perce-Clearwater Timber Suitability

-  Generally Suitable for Timber Production
-  Generally Suitable for Timber Harvest
-  Not Suitable

0 10 20 40
Miles

Datum and Projection: NAD83 UTM Zone 11

Date: 4/29/2013

Cartographer: Luke Floch



Calculating Harvest Levels

- **Spectrum model** – basic management categories – suitable, not suitable, WUI, important wildlife habitat (usually T&E species), desired condition categories
- **Harvest prescriptions** – clearcut, shelterwood, uneven-aged, thin, plant, precommercial thin, fire
- **Yield Tables** - by forest type, age, and treatment – based on measured growth rates for each species group

Harvest Levels from 2007 Plan Work

- **Nez Perce NF – 21.8 mmbf annually**
- **Clearwater NF – 24.9 mmbf annually**

This is less than the 1987 plans:

- **Acres of suitable land – less than half**
- **Yields per acre – less in the new yield tables due to better information on growth rates**